



FORMAN CHRISTIAN COLLEGE

(A CHARTERED UNIVERSITY)

Assignment 2

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Course: Info Security

Section: B




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In this assignment, I used the first option. In it, we were supposed to create an account on AWS and then create users, and roles and allow any three example services to access our imaginary application.

So first I created my account and then went to the IAM console tab. Here I created groups and also created users and gave them access. Also, created the policies and then downloaded the CSV files of the users where the information about there credentials is stored.

IAM > Users

Users (4) [Info](#)
An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

<input type="checkbox"/>	User name	Groups	Last activity	MFA	Password
<input type="checkbox"/>	abc	group2	Never	None	...
<input type="checkbox"/>	ahmed123	None	Never	None	...
<input type="checkbox"/>	kashif	group1	Never	None	...
<input type="checkbox"/>	Raza	None	Never	None	...

kashif

[Delete](#)

Summary

ARN



arn:aws:iam::997124856927:user/kashif

Console access

Enabled without MFA

Access key 1

Not enabled

Created

May 06, 2023, 22:05 (UTC+05:00)

Last console sign-in

Never

Access key 2

Not enabled

[Permissions](#)[Groups \(1\)](#)[Tags](#)[Security credentials](#)[Access Advisor](#)

us-east-1.console.aws.amazon.com/iamv2/home?region=eu-north-1#/users/details/kashif?section=permissions

aws Services Search [Alt+S]

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

- User groups
- Users**
- Roles
- Policies
- Identity providers
- Account settings

Access reports

Permissions

Permissions policies (4)

Permissions are defined by policies attached to the user directly or through groups.

Find policies

<input type="checkbox"/>	Policy name	Type	Attached via
<input type="checkbox"/>	AmazonEC2ContainerR...	AWS managed	Group group1
<input type="checkbox"/>	AmazonRDSDataFullAc...	AWS managed	Group group1
<input type="checkbox"/>	AmazonS3FullAccess	AWS managed	Group group1
<input type="checkbox"/>	IAMUserChangePassword	AWS managed	Directly

Permissions boundary (not set)

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kashif_credentials.csv abc_credentials.csv Show all

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us-east-1.console.aws.amazon.com/iamv2/home?region=eu-north-1#/groups

Identity and Access Management (IAM)

Search IAM

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Access management

User groups

Users

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Access reports

IAM > User groups

User groups (2) Info

A user group is a collection of IAM users. Use groups to specify permissions for a collection of users.

Filter User groups by property or group name and press enter

	Group name	Users	Permissions	Creation time
<input type="checkbox"/>	group1	⌂ Loading	⌂ Loading	6 hours ago
<input type="checkbox"/>	group2	⌂ Loading	⌂ Loading	15 minutes ago

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Identity and Access Management (IAM)

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IAM dashboard

Security recommendations 1

Add MFA for root user

Add MFA for root user - Enable multi-factor authentication (MFA) for the root user to improve security for this account.

Add MFA

Root user has no active access keys

Using access keys attached to an IAM user instead of the root user improves security.

IAM resources

User groups	Users	Roles	Policies	Identity providers
2	4	2	0	0

What's new

Updates for features in IAM

AWS Account

Account ID

997124856927

Account Alias

997124856927

Sign-in URL for IAM account

https://997124856927.console.aws.amazon.com/iamv2/home?region=eu-north-1#/home

Quick Links

My security credentials

Manage your access factor authentication other credentials.

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